CCS-UC-200-WMT

Crestron RL 2

Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount Packs

- *A full-featured, simple to use group collaboration system based on Microsoft® Lync®*
- *Provides a turnkey wall mounted solution for conference rooms, huddle rooms, and executive offices*
- *Enables interactive collaboration from anywhere using any device*
- *Easy to specify and install — requires no custom design or programming*
- *Low cost of ownership — no MCUs or gateways needed*
- *Complete system packages offer a choice of one or two 60" or 70" touch displays*
- *Tabletop touch screen affords easy, intuitive operation*
- *Allows customizable control of room lighting, shades, and other equipment[4]*
- *Provides auto-switching HDMI®, VGA, and DM 8G+® content source inputs*
- *Allows input expansion using DigitalMedia™ transmitters and switchers[3]*
- *Supports content source audio as well as video*
- *Includes a high-definition camera and sound bar*
- *Allows customization using Crestron-approved third-party accessories*
- *Integrates with Crestron Fusion® to support enterprise-wide room monitoring[5]*
- *Mobile cart option available*

Crestron RL™ 2 is an advanced group collaboration solution for conference rooms and huddle spaces that combines Crestron® hardware with Microsoft® Lync® software. Microsoft Lync offers an enterprise-ready unified communications platform capable of delivering presence, instant messaging, voice, and video across the network or Internet using computers and mobile devices. Crestron RL 2 extends the Lync experience to the conference room so groups can communicate and collaborate in real time from multiple locations. Crestron RL 2 combines the intuitive room control solutions of Crestron with the unified communication and collaboration features of Microsoft Lync 2013.

Easy to Use

With one touch of the touch screen, anyone can walk into a conference room and instantly start a collaboration session. Crestron RL 2 lets you share your desktop with local and remote participants, view and annotate over a PowerPoint® presentation, and use the 60" or 70" touch display as an interactive whiteboard to sketch out ideas — all in real time. Remote participants can join via Lync or Skype® for Business from their personal computers, mobile devices, and other Crestron RL 2 systems. Crestron RL 2 lets everyone share their ideas and documents collaboratively — anytime, anywhere, with any device.

Easy to Purchase and Install

A variety of Crestron RL 2 system packages is available to turn almost any room into a collaborative meeting space. There's no complicated design or programming required. Crestron RL 2 comes with everything you need and works right out of the box with minimal setup. It connects right over the corporate LAN, so there are no additional infrastructure expenses such as

MCUs or gateways. And, if your organization already uses Lync, there are no additional licenses or fees required.

The CCS-UC-200-WMT series offers a wall mounted solution for small to medium sized conference rooms. Systems are available in single and dual display versions, with a choice of 60" or 70" display(s). Installation involves mounting the display assembly (or assemblies) to the wall, plugging in the power and LAN cables, and placing the microphone and touch screen on the conference table.[1] The display assembly includes hidden storage for the system codec and other components, affording a clean appearance while eliminating the need for a separate equipment rack.

A mobile cart option is also available to allow the complete system to be moved from room to room or repositioned within a multipurpose space. The mobile cart option features an attractive, height-adjustable design with heavy duty casters.[2]

NOTE: See also the CCS-UC-200, CCS-UC-200-HUD, and CCS-UC-200-WSTND for other room types and system configurations.

Enhanced Connectivity, Integration, and Control

Crestron RL 2 included a number of features not found in other Lync systems, affording several powerful ways to use and customize your system:

- **10" Tabletop Touch Screen —** The included 10" touch screen provides an intuitive user interface for managing group collaboration sessions. It's so simple to use, anyone can instantly start a session with just one touch. The touch screen can also be custom programmed to control room lighting, shades, climate, and AV equipment (see *Control System Integration* below).
- **Auto-Switching Inputs —** Its HDMI®, VGA, and DM 8G+® inputs allow versatile connectivity for computers and other content source devices. Automatic switching between sources simplifies operation.
- **DigitalMedia™ System Integration —** Its DM 8G+ input facilitates input expansion and signal extension using any Crestron DM 8G+

transmitter or switcher. An assortment of under-table or in-wall transmitters and switchers is offered to provide input connectivity wherever it's needed. DM 8G+ also allows for connection to a centralized DM® switcher, enabling access to shared media sources and cameras anywhere in the building.[3]

- **Content Audio Support —** In addition to video, Crestron RL 2 accepts audio input signals via its HDMI, analog audio, and DM 8G+ inputs.
- **USB or Analog Microphones —** Crestron RL 2 comes with a high-performance, low-profile USB table microphone that's capable of achieving excellent pickup of several participants at a table in a typical room. Alternately, up to two analog microphones (not included) may be connected to accommodate custom applications.
- **USB HD Camera —** Provides remote participants with a high-definition view of the room through an extra-wide 90 degree diagonal field of view. Crestron RL 2 is also compatible with several third-party camera devices to enable enhanced functionality.
- **Audio Output —** Its analog output can be used to feed the included sound bar or a separate room sound system.
- **Control System Integration —** Complete control over room lighting, shades, and other equipment can be enabled right on the tabletop touch screen through integration with a Crestron control system.[4]
- **Enterprise Monitoring —** Crestron RL 2 has the ability to communicate directly with Crestron Fusion® Enterprise Management Software, allowing it to be monitored from a centralized help desk alongside every other conference room across the enterprise. Room scheduling and other advanced capabilities can be enabled through integration with a control system.[4,5]

Optional Accessories

The following Crestron products are just some of the many options available for use with the Crestron RL 2 system:

- CCS-TS-6500-MCK Mobile Cart for CCS-TS-6500-WMK
- DM-TX1-4K-C-1G Wall Plate 4K DigitalMedia 8G+® Transmitter
- DM-TX-200-C-2G Wall Plate DigitalMedia 8G+ Transmitter 200
- DM-TX-201-C DigitalMedia 8G+ Transmitter 201
- DM-TX-401-C DigitalMedia 8G+ Transmitter 401
- DM-MD8X1-4K-C 4K Scaling Presentation Switcher
- DMPS3-4K-150-C 3-Series® 4K DigitalMedia Presentation System 150
- USB-EXT-DM USB over Ethernet Extender with Routing

Third-Party Accessories

The following third-party manufacturers offer accessories that have been tested and approved by Crestron for use with Crestron RL 2:

- **ClearOne® —** CHAT® 170 Group Speakerphone
- **Logitech® —** ConferenceCam CC3000e
- **Panasonic® —** AW-HE2 HD Integrated Camera
- **Polycom® —** CX5100 & CX5500 Unified Conference Stations
- **Sharp® —** AQUOS BOARD™ 60", 70", and 80" Interactive Display Systems, & PN-K322B 32" Touchscreen Monitor
- **Shure® —** Microflex® MX390 Series Boundary Microphones
- **Vaddio —** ClearVIEW HD-USB Camera, AV Bridge

NOTE: Crestron authorized integrators, please see Crestron True Blue Online Help Answer ID: 5532 for additional information about these and other third-party accessories.

SPECIFICATIONS

Included Components

NOTE: For additional specifications and other details, please refer to the individual spec sheet for each component.

Single Display Packages

Description:	Model:	CCS-UC-200-WMT-MED-1 KIT Wall Mount Single 60" Display	CCS-UC-200-WMT-LG-1 KIT Wall Mount Single 70" Display	CCS-UC-200-WMT KIT Wall Mount Single No Display
Crestron RL™ 2 System Codec	CCS-UC-CODEC-200	1	1	1
10.1" Tabletop Touch Screen	TS-1051-C-B-S	1	1	1
60" Touch Display	CCS-TS-6000	1		
70" Touch Display	CCS-TS-7000		1	
Display Wall Mount Kit	CCS-TS-6500-WMK	1	1	1
HD Camera	CCS-CAM-USB-F-100-SHROUD	1	1	1
Tabletop Microphone	CCS-MIC-USB-100	1	1	1
Sound Bar	CCS-SPK-SB-100-B	1	1	1
Cables and Accessories		LOT	LOT	LOT

CCS-UC-200-WMT Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount Packs

Dual Display Packages

Description:	Model:	CCS-UC-200-WMT-MED-2 KIT Wall Mount Dual 60” Displays	CCS-UC-200-WMT-LG-2 KIT Wall Mount Dual 70” Displays	CCS-UC-200-WMT-DUAL KIT Wall Mount Dual No Displays
Crestron RL™ 2 System Codec	CCS-UC-CODEC-200	1	1	1
10.1” Tabletop Touch Screen	TS-1051-C-B-S	1	1	1
60” Touch Display	CCS-TS-6000	2		
70” Touch Display	CCS-TS-7000		2	
Display Wall Mount Kit	CCS-TS-6500-WMK	2	2	2
HD Camera	CCS-CAM-USB-F-100-SHROUD	1	1	1
Tabletop Microphone	CCS-MIC-USB-100	1	1	1
Sound Bar	CCS-SPK-SB-100-B	1	1	1
Cables and Accessories		LOT	LOT	LOT

System Connections

Content AV Inputs: (1 each) HDMI®, VGA, unbalanced stereo analog audio, and DM 8G+®;
(1) 20 ft (6.1 m) HDMI cable included;
(1) 25 ft (7.6 m) VGA/audio cable included

Touch Display Video Output(s): HDMI (DVI compatible);
HDMI cable(s) included

Tabletop Touch Screen: (1) DM 8G+ with PoDM;
25 ft (7.6 m) cable included [1]

Sound Bar: Unbalanced stereo analog line-level audio;
Stereo RCA cable included

USB: (2) USB 3.0 and (6) USB 2.0 host ports for camera, touch display(s), table mic, and mouse/keyboard [6];
15 ft (4.5 m) USB cable included for table mic [1];
Additional USB cables included for camera and touch displays

LAN: (1) 10Base-T/100Base-TX/1000Base-T Ethernet;
14 ft (4.3 m) CAT6 LAN cable included

Power: (1) IEC 60320 C14 main power inlet;
6.5 ft (2.0 m) detachable power cord included;
100-240 Volts AC, 50/60 Hz;
CCS-UC-200-WMT-MED-1 KIT: 4.5 Amps maximum;
CCS-UC-200-WMT-MED-2 KIT: 6.7 Amps maximum;
CCS-UC-200-WMT-LG-1 KIT: 4.9 Amps maximum;
CCS-UC-200-WMT-LG-2 KIT: 7.5 Amps maximum;
CCS-UC-200-WMT KIT: 2.3 Amps maximum;
CCS-UC-200-WMT-DUAL KIT: 2.3 Amps maximum

Mechanical

Each single-display system includes a wall mount display assembly consisting of a touch display wall mount kit (CCS-TS-6500-WMK) with additional hidden brackets for the codec (CCS-UC-CODEC-200), power supplies, and power strip. Additional backets are included for mounting of the camera and sound bar above and below the touch display.

Each dual-display system adds a second CCS-TS-6500-WMK touch display wall mount kit.

Dimensions

CCS-UC-200-WMT-MED-1 KIT: Height: ~41 9/16 in (1057 mm)
Width: ~56 9/16 in (1437 mm)
Depth: ~8 13/16 in (225 mm)

CCS-UC-200-WMT-MED-2 KIT: Height: ~41 9/16 in (1057 mm)
Width: ~113 13/16 in (2891 mm)
Depth: ~8 13/16 in (225 mm)

CCS-UC-200-WMT-LG-1 KIT: Height: ~46 1/2 in (1281 mm)
Width: ~64 13/16 in (1647 mm)
Depth: ~8 13/16 in (225 mm)

CCS-UC-200-WMT-LG-2 KIT: Height: ~46 1/2 in (1281 mm)
Width: ~130 5/16 in (3311 mm)
Depth: ~8 13/16 in (225 mm)

CCS-UC-200-WMT Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount Packs

MODELS & ACCESSORIES

Available Models

CCS-UC-200-WMT-MED-1 KIT: Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount, Single 60" Display
CCS-UC-200-WMT-MED-2 KIT: Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount, Dual 60" Displays
CCS-UC-200-WMT-LG-1 KIT: Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount, Single 70" Display
CCS-UC-200-WMT-LG-2 KIT: Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount, Dual 70" Displays
CCS-UC-200-WMT KIT: Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount, Single, No Display
CCS-UC-200-WMT-DUAL KIT: Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount, Dual, No Displays

Included Accessories

CCS-UC-CODEC-200: Crestron RL™ 2 System Codec (Qty. 1 included)
TS-1051-C-B-S: 10.1" Tabletop Touch Screen for Crestron RL™ 2, Black Smooth (Qty. 1 included)
CCS-TS-6000: 60" Touch Display for Crestron RL™ 2 (Qty. 1 included with CCS-UC-200-WMT-MED-1 KIT; Qty. 2 included with CCS-UC-200-WMT-MED-2 KIT)
CCS-TS-7000: 70" Touch Display for Crestron RL™ 2 (Qty. 1 included with CCS-UC-200-WMT-LG-1 KIT; Qty. 2 included with CCS-UC-200-WMT-LG-2 KIT)
CCS-TS-6500-WMK: Wall Mount Kit for 60" & 70" Touch Displays (Qty. 1 included with CCS-UC-200-WMT-MED-1 KIT, CCS-UC-200-WMT-LG-1 KIT, & CCS-UC-200-WMT KIT; Qty. 2 include with CCS-UC-200-WMT-MED-2 KIT, CCS-UC-200-WMT-LG-2 KIT, & CCS-UC-200-WMT-DUAL KIT)
CCS-CAM-USB-F-100-SHROUD: HD Camera for Crestron RL™ 2 (Qty. 1 included)
CCS-MIC-USB-100: Table Microphone for Crestron RL™ 2 (Qty. 1 included)
CCS-SPK-SB-100-B: Sound Bar for Crestron RL™ 2, Black (Qty. 1 included)

Available Accessories

CCS-TS-6500-MCK: Mobile Cart for CCS-TS-6500-WMK
DM-TX1-4K-C-1G: Wall Plate 4K DigitalMedia 8G+™ Transmitter
DM-TX-200-C-2G: Wall Plate DigitalMedia 8G+™ Transmitter 200
DM-TX-201-C: DigitalMedia 8G+™ Transmitter 201
DM-TX-401-C: DigitalMedia 8G+™ Transmitter 401
DM-MD8X1-4K-C: 4K Scaling Presentation Switcher
DMPS3-4K-150-C: 3-Series® 4K DigitalMedia™ Presentation System 150
DM-CBL-8G-NP: DigitalMedia 8G™ Cable, non-plenum
DM-CBL-8G-P: DigitalMedia 8G™ Cable, plenum
DM-8G-CONN: Connector for DM-CBL-8G DigitalMedia 8G™ Cable
DM-8G-CRIMP: Crimping Tool for DM-8G-CONN
DM-8G-CONN-WG: Connector with Wire Guide for DM-CBL-8G DigitalMedia 8G™ Cable
DM-8G-CRIMP-WG: Crimping Tool for DM-8G-CONN-WG
USB-EXT-DM: USB over Ethernet Extender with Routing

Notes:

1. If necessary, the touch screen cable may be extended to up to 200 ft (61 m) using Crestron DM-CBL-8G cable. Also, the microphone cable may be extended using a Crestron USB-EXT-DM USB extender. If extending multiple USB devices, a separate USB extender, consisting of (1) host module and (1) device module, is required for each device (except for touch displays, which may share a single USB extender). The USB-EXT-DM is for USB 1.0 and 2.0 devices only. USB signal extension may be via Ethernet or a dedicated CAT5e (or better) cable. All extra cables, connectors, and USB extenders are sold separately.
2. Mobile cart, model CCS-TS-6500-MCK, sold separately. Dual display systems require two mobile carts.
3. DigitalMedia transmitters, switchers, cables, and related accessories sold separately.
4. Crestron control system and custom programming sold separately.
5. Crestron Fusion software, server, and configuration sold separately.
6. USB mouse and keyboard not included; required for setup only.

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

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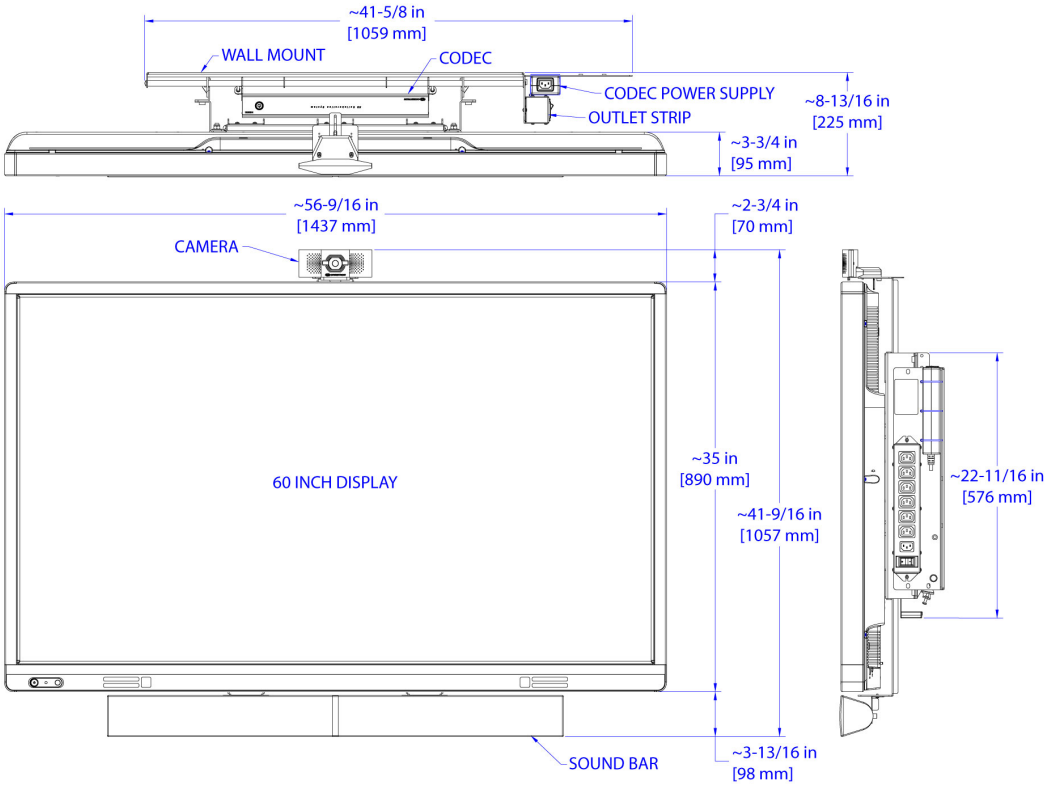

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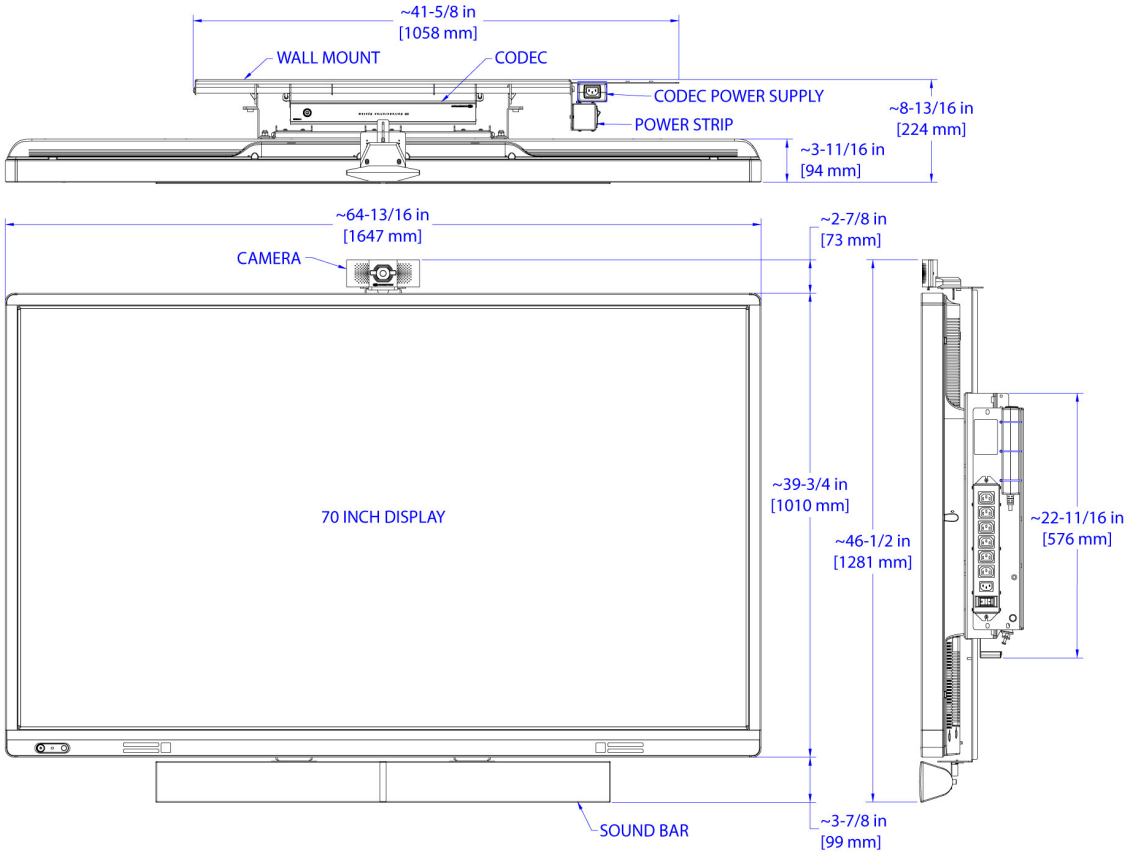

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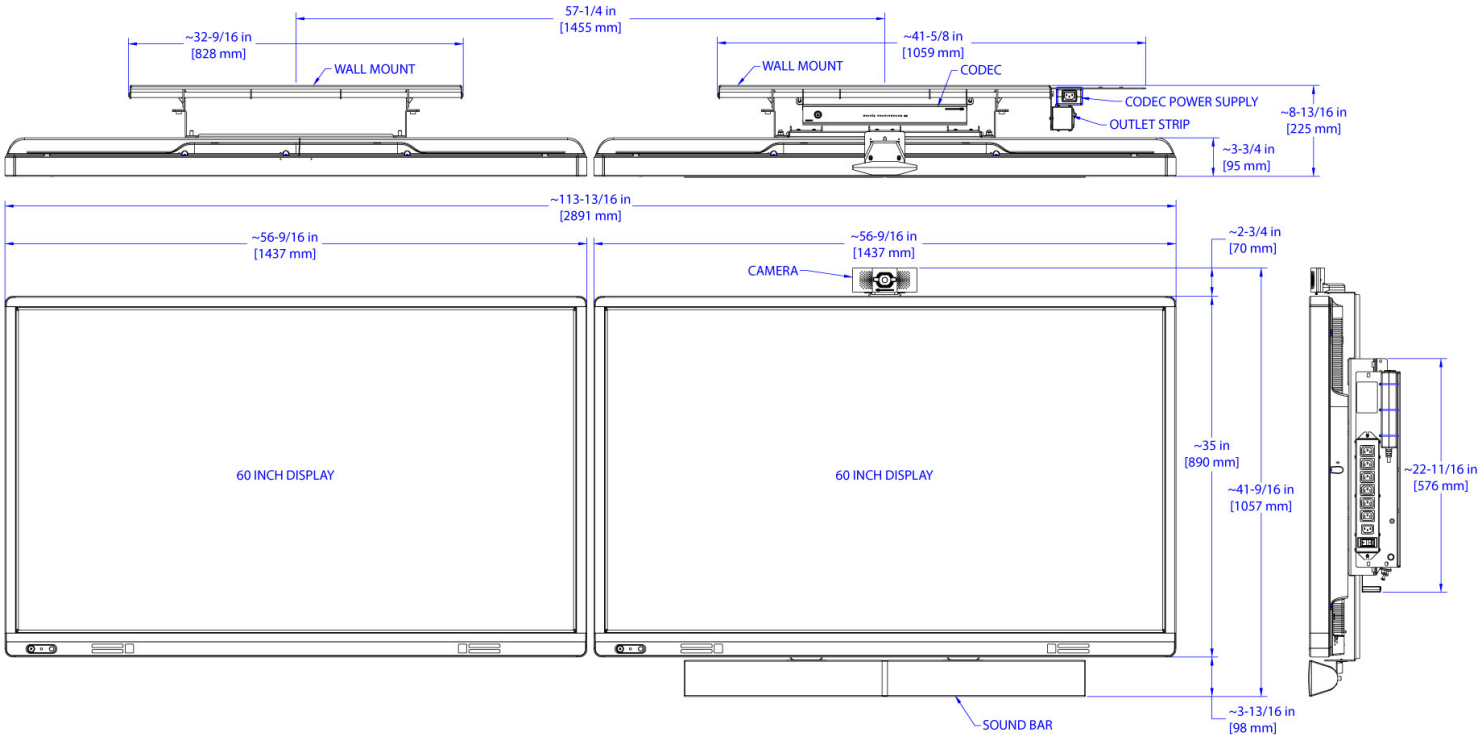
CCS-UC-200-WMT Crestron RL™ 2 Group Collaboration System for Lync®, Wall Mount Packs



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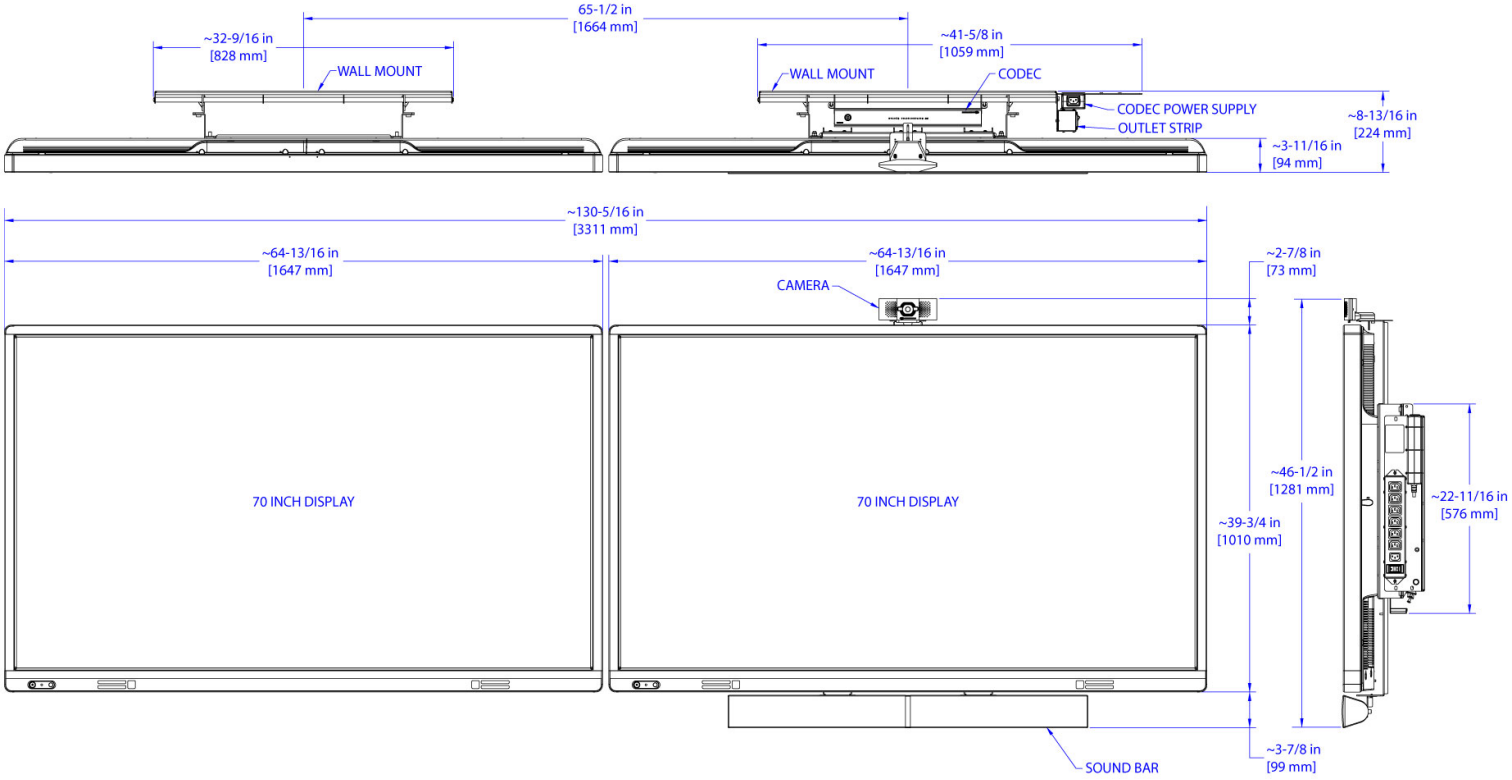

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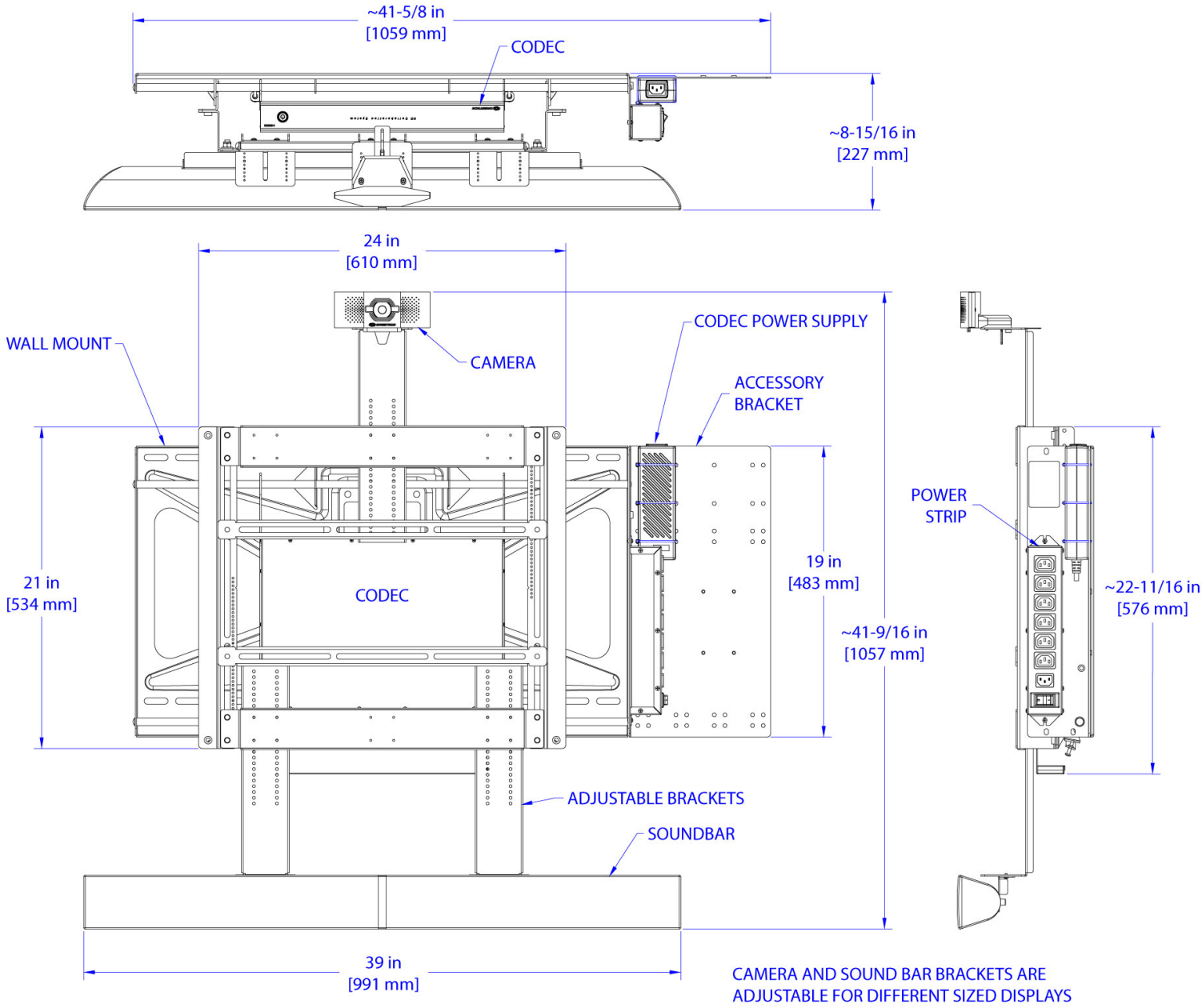

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